

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	77260	circuit adj breaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 17:18
L4	4188	3 same (low adj voltage or undervoltage or under adj3 voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 17:19
L5	66	4 same latch near4 (solenoid or coil )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 17:22
L6	216	4 same latch same (solenoid or coil )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 17:22
L7	116	6 same control same voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 17:25
L8	17	7 same ((below or (less adj than) or (lower adj than)) with (selected or predetermined or threshold or (pre adj2 defined) or specified))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 18:10
L9	1010	4 same (selected or predetermined or threshold or (pre adj2 defined) or specified)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 17:53
L10	15	9 same ("4" or "4.5" or "5" or "5.5" or "6") adj ("v" or volts)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 17:58
L11	506	3 same control adj voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 17:59
L12	122	11 same (rectifier diode adj bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 17:59
L13	12	12 same voltage adj divider	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 18:00
L14	17	7 same ((reduce or below or (less adj than) or (lower adj than)) with (selected or predetermined or threshold or (pre adj2 defined) or specified))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 18:12

## EAST Search History

L15	1453	4 same (trip\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 18:13
L16	292	15 same reset\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 18:14
L17	47	16 same (voltage with (detect\$3 or sens\$3 or mears\$3 or level))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 18:42
L18	3	17 same divider	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 18:19
L19	73	4 same voltage adj divider	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 18:20
L20	9	19 same comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 18:36
L21	1766	4 same control\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 18:37
L22	325	21 same (voltage with (detect\$3 or sens\$3 or mears\$3 or level))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 18:43
L23	135	22 same (below or lower or less)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 18:44
L24	9	("4631624").URPN.	USPAT	OR	ON	2006/05/03 18:52
L25	6	("4356526").URPN.	USPAT	OR	ON	2006/05/03 18:56
L26	13	("4025823").URPN.	USPAT	OR	ON	2006/05/03 19:17
L27	11	("4205361").URPN.	USPAT	OR	ON	2006/05/03 19:55
L28	1075	361/92	USPAT	OR	ON	2006/05/03 19:56
L29	546	28 and (relay solenoid coil)	USPAT	OR	ON	2006/05/03 19:56
L30	37654	29 and circuit breaker	USPAT	OR	ON	2006/05/03 19:57
L31	184	29 and circuit adj breaker	USPAT	OR	ON	2006/05/03 19:57
L32	139	31 and control same voltage	USPAT	OR	ON	2006/05/03 19:57
L33	129	32 and (lower below less)	USPAT	OR	ON	2006/05/03 19:58
L34	113	33 and (threshold or predetermine or selected or pre adj1 defined or specific\$2)	USPAT	OR	ON	2006/05/03 19:59

## EAST Search History

S1	48	("4011484" "4016518" "4025823" "4075584" "4183071" "4205361" "4301434" "4356526" "4370635" "4489295" "4620171" "4672501" "4864262" "4947284" "5093643" "5117210" "5153544" "5539605" "5661627" "6201460" "6233129").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 02:28
S2	77210	circuit adj breaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 17:18
S3	579	S2 same undervoltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 21:05
S4	127	S3 same latch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 01:42
S5	97	S4 same (solenoid coil spring plunger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 22:55
S6	57	S5 same control\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 22:02
S7	69	S3 same latch with (solenoid coil spring plunger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 00:58
S8	114	S3 same control\$3 with voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 02:33
S9	66	S3 same (rectifier or diode adj bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 01:03
S10	119	S3 same (voltage with (detect\$3 or measur\$4 or sens\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 01:43
S11	21	S10 same ((below or (less adj than) or (lower adj than)) with (selected or predetermined threshold pre adj2 defined specified))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 02:16
S12	2	S3 same control\$3 with voltage adj input	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 01:21

## EAST Search History

S13	27	S8 same latch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 01:35
S14	9	S8 same comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 01:40
S15	1	S11 same comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 01:40
S16	267	S3 same control\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 01:43
S17	58	S16 same (voltage with (detect\$3 or measur\$4 or sens\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 01:44
S18	7	("4352138").URPN.	USPAT	OR	ON	2006/04/30 02:06
S19	28	S8 same ((below or (less adj than) or (lower adj than)) with (selected or predetermined threshold pre adj2 defined specified))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 17:26
S20	43	("4011484"or"4016518" "4025823" "4075584" "4183071" "4205361" "4301434" "4356526" "4370635" "4489295" "4620171" "4672501" "4864262" "4947284" "5093643" "5117210" "5153544" "5539605" "5661627" "6201460" "6233129").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 02:28
S21	6	("4011484" or"4016518"or "4025823" or"4075584" or"4183071" or"4205361" or"4301434" or"4356526" or"4370635" or"4489295" or"4620171" or"4672501" or"4864262" or"4947284" or"5093643" or"5117210" or"5153544" or"5539605" or"5661627" or"6201460" or"6233129").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 02:31
S22	26	"4011484" or"4016518"or "4025823" or"4075584" or"4183071" or"4205361" or"4301434" or"4356526" or"4370635" or"4489295" or"4620171" or"4672501" or"4864262" or"4947284" or"5093643" or"5117210" or"5153544" or"5539605" or"5661627" or"6201460" or"6233129"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 02:31
S23	15	S1 and control\$3 with voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/30 02:35
S24	17680	turner.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 14:50

## EAST Search History

S25	0	S24 same undervoltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 14:51
S26	0	S24 same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 14:51
S27	7	S24 and undervoltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 14:53
S28	1000	361/160.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 14:54
S29	5	361/160.ccls. and undervoltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 14:56
S30	51	361/160.ccls. and control adj voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 15:22
S31	45	361/160.ccls. and circuit adj breaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 15:22